

## Abstract

An optical receiver with an electronic filter is described,  
the parameters of the filter being set by means of high-  
5 speed eye monitors. Also described is a high-speed eye  
monitor with threshold-value decision elements which are  
set close to the vertices of the eye of an eye diagram, the  
eye monitor being optimized through connection of a pseudo-  
error generator and comparison with setpoint values and  
10 outputting the eye opening and the Q-factor.

Fig. 3